

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15	weld\$3 NEAR10 filler NEAR10 (material OR metal) NEAR10 "same" AND superalloy AND (Ni OR nickel) AND precipitat\$4	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 18:26
L2	10	weld\$3 NEAR10 filler NEAR10 (material OR metal) NEAR10 "same" AND superalloy AND (Ni OR nickel) AND precipitat\$4 AND (volume OR vol)	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 18:26
L3	184	superalloy AND (Ni OR nickel) AND (precipitat\$4 NEAR20 (volume OR vol))	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 18:31
L4	1	superalloy AND (Ni OR nickel) AND (precipitat\$4 NEAR20 (volume OR vol) NEAR20 filler)	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 18:31
L5	184	superalloy AND (Ni OR nickel) AND (precipitat\$4 NEAR20 (volume OR vol))	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 18:32
L6	52	superalloy AND (Ni OR nickel) AND (gamma prime NEAR20 precipitat\$4 NEAR20 (volume OR vol))	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/19 18:34
L7	8	superalloy AND (Ni OR nickel) AND (weld\$3 NEAR20 hammer\$3)	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/19 18:53
L8	9	superalloy AND (weld\$3 NEAR20 hammer\$3)	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/19 18:54
S1	5	"6120624"	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 15:36

S2	9	"5938863"	US; PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 15:43
S3	32	"5374319"	US; PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 15:56
S4	32	"5106010"	US; PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 15:58
S5	28	"4579602"	US; PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 15:58
S6	23	"4574015"	US; PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 16:25
S7	557696	"148"/("528,516,522,538,540,555,559,579,622,623,660,674,675").ccls.	US; PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 17:04
S8	0	S7 AND superalloy AND overag\$3 AND coarsen\$3 AND cooling rate AND densit\$7 AND (solution-annealing OR solution annealing)	US; PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/17 17:12
S9	3	S7 AND superalloy AND overag\$3 AND coarsen\$3 AND cooling rate	US; PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/17 17:12
S10	11	("3741824"   "3871928"   "4039330"   "4336312"   "4676846"   "5100484"   "5328659"   "5417782"   "5509980"   "5527403").PN.	US; PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:09
S11	2	("6120624").URPN.	USPAT	OR	OFF	2008/03/18 12:40
S12	558009	"148"/("428,528,516,522,524,538,540,555,559,579,622,623,660,674,675").ccls.	US; PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 14:48

S13	1	S12 AND superalloy AND (Ni OR nickel) AND (preweld OR pre-weld OR weld\$3) AND overag\$4 AND coarsen\$3 AND cooling rate	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 14:50
S14	3	S12 AND superalloy AND (Ni OR nickel) AND overag\$4 AND coarsen\$3 AND cooling rate	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 14:51
S15	11	S12 AND superalloy AND (Ni OR nickel) AND overag\$4 AND coarsen\$3 AND cooling	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 14:52
S16	13	S12 AND superalloy AND overag\$4 AND coarsen\$3 AND heat	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 14:53
S17	35	("2677631"   "2712498"   "2766155"   "2766156"   "3146136"   "3151981"   "3333996"   "3390023"   "3620855"   "3871928"   "3898109"   "4083734"   "4093476"   "4121950"   "4253885"   "4465530"   "4481043"   "4512817"   "4624716"   "4798633"   "4810467"   "4816084"   "4869645"   "4894089"   "4969964"   "5171380"   "5173255").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 14:56
S18	7	("5527403").URPN.	USPAT	OR	OFF	2008/03/18 15:02
S19	3	superalloy AND (heat OR heat treatment) AND overag\$4 AND coarsen\$3 AND cooling rate	USPAT	ADJ	OFF	2008/03/18 15:10
S20	14	superalloy AND overag\$4 AND coarsen\$3	USPAT	ADJ	OFF	2008/03/18 15:10
S21	4	superalloy AND preweld	USPAT	ADJ	OFF	2008/03/18 15:14
S22	17	superalloy AND (preweld OR pre-weld)	USPAT	ADJ	OFF	2008/03/18 15:14
S23	22	stueber.IN.	USPAT	ADJ	OFF	2008/03/18 15:21
S24	1	"5330711".pn.	USPAT	ADJ	OFF	2008/03/18 15:29
S25	89	overag\$4 AND coarsen\$3	USPAT	ADJ	OFF	2008/03/18 15:45
S26	81	overag\$4 AND coarsen\$3 AND (Ni OR nickel OR Co OR cobalt OR Fe OR iron)	USPAT	ADJ	OFF	2008/03/18 15:45
S27	80	overag\$4 AND coarsen\$3 AND (Ni OR nickel OR Co OR cobalt OR Fe OR iron) AND heat\$3	USPAT	ADJ	OFF	2008/03/18 15:46
S28	23	overag\$4 AND coarsen\$3 AND (Ni OR nickel OR Co OR cobalt OR Fe OR iron) AND heat\$3 AND (weld\$3 OR pre-weld\$3 OR preweld\$3)	USPAT	ADJ	OFF	2008/03/18 15:47

S29	235	(hot isostatic press\$3) AND solidus	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 19:21
S30	11	(hot isostatic press\$3) NEAR20 solidus	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 19:22
S31	74	(weld\$4 filler) WITH "same"	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 19:40
S32	109	(weld\$4 filler) WITH ("same" OR similar OR exact OR "near" OR close)	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 19:43
S33	81	(weld\$4 filler) NEAR10 ("same" OR similar OR exact OR "near" OR close)	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 19:43
S34	55	(weld\$4 filler) NEAR10 ("same" OR similar OR exact OR "near" OR close) NEAR10 (material OR metal OR alloy)	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 19:44
S35	2738	(weld\$4 NEAR5 filler) NEAR10 (material OR metal OR alloy)	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 19:51
S36	1413	weld\$4 NEAR10 hammer\$3	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 19:55
S37	36	weld\$4 NEAR10 hammer\$3 NEAR60 stress\$2	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/03/18 19:55
S38	1036	filler NEAR10 (material OR metal) NEAR10 "same" AND weld\$4	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 20:16
S39	250	weld\$3 NEAR10 filler NEAR10 (material OR metal) NEAR10 "same"	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 20:16

S40	15	"2405542"	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 16:45
S41	124	weld\$ NEAR10 filler NEAR10 (material OR metal) NEAR10 "same" AND (nickel OR Ni)	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 16:45
S42	25	weld\$ NEAR10 filler NEAR10 (material OR metal) NEAR10 "same" AND superalloy AND (Ni OR nickel)	US- PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 16:46

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